

Title (en)

AMINO ALCOHOL DERIVATIVES, PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME, AND USE THEREOF

Title (de)

AMINOALKOHOLDERIVATE, PHARMAZEUTISCHE ZUSAMMENSETZUNGEN, DIE DIESE ENTHALTEN, UND VERWENDUNG DAVON

Title (fr)

DERIVES D'AMINO-ALCOOLS, COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERIVES ET UTILISATION ASSOCIEE

Publication

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Application

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Abstract (en)

[origin: EP1593666A1] The present invention provides compounds represented by general formula (I): <CHEM> or pharmaceutical acceptable salts thereof, wherein R<1> and R<2> are each hydrogen or lower alkyl; R<3> R<4>, R<5> and R<6> are each hydrogen, halogen, lower alkyl or lower alkoxy; R<7> and R<8> are each hydrogen, halogen, lower alkyl, halo-lower alkyl, lower alkoxy, cycloalkyl, aryl, heteroaryl, cyano, a hydroxyl group, lower acyl, carboxy or the like; R<9> is -C(O)-R<10>, -A<1>-C(O)-R<10>, -O-A<2>-C(O)-R<10> or a tetrazol-5-yl group, which exhibit potent and selective beta 3-adrenoceptor stimulating activities. The present invention also provides pharmaceutical compositions containing said compound, and uses thereof.

IPC 1-7

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Citation (search report)

- [DY] WO 9965877 A1 19991223 - GLAXO GROUP LTD [GB], et al
- [Y] WO 02094770 A2 20021128 - FUJISAWA PHARMACEUTICAL CO [JP], et al
- [PY] US 2003212063 A1 20031113 - LAFONTAINE JENNIFER A [US], et al

Cited by

EP1938837A4; WO2012013691A1; EP2423181A1

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